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PTO/SB/01 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)	Attorney Docket Number	VBSTC12b		
	First Named Inventor	Zia-ur Rahman		
	COMPLETE IF KNOWN			
	Application Number	09/888,816		
	Filing Date	June 25, 2001		
	Art Unit	2621		
<input type="checkbox"/> Declaration Submitted With Initial Filing	OR	<input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Examiner Name	D. Rosario-Vasquez

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD OF IMPROVING A DIGITAL IMAGE HAVING WHITE ZONES

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 06/25/2001 as United States Application Number or PCT International

Application Number 09/888,816 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

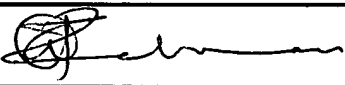
[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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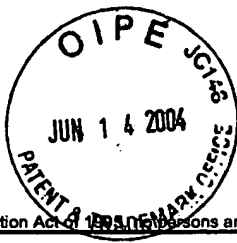
DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: <u>000041041</u> OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <u>Zia-ur</u>		Family Name or Surname <u>Rahman</u>	
Inventor's Signature 		Date <u>09 JUN 2004</u>	
Residence: City <u>Williamsburg</u>	State <u>Virginia</u>	Country <u>U.S.A.</u>	Citizenship <u>U.S.</u>
Mailing Address <u>4840 Bristol Circle</u>			
City <u>Williamsburg</u>	State <u>Virginia</u>	ZIP <u>23185</u>	Country <u>U.S.A.</u>
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <u>Glenn A.</u>		Family Name or Surname <u>Woodell</u>	
Inventor's Signature		Date	
Residence: City <u>Newport News</u>	State <u>Virginia</u>	Country <u>U.S.A.</u>	Citizenship <u>U.S.</u>
Mailing Address <u>637 Village Green Parkway</u>			
City <u>Newport News</u>	State <u>Virginia</u>	ZIP <u>23602</u>	Country <u>U.S.A.</u>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the / supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

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JUN 21 2004

Technology Center 2600



PTO/SB/02A (08-03)

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Daniel J.		Jobson	
Inventor's Signature		Date	
Residence: City	Newport News	State	VA
Country	U.S.A.	Citizenship	U.S.
Mailing Address 42 Elm Avenue			
Mailing Address			
City	Newport News	State	VA
Zip	23601	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
Zip		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
Zip		Country	

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



National
Aeronautics and
Space
Administration



Patent Application

VBSTC12b

(NASA Case No.)

Declaration, Power of Attorney and Petition - Original Application

As a below named inventor, I hereby declare that: My residence, mailing address and citizenship, are stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Method Of Improving A Digital Image Having White Zones

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JUN 21 2004

the specification of which ☐ is attached hereto, ☒ was filed on (Date) 06/25/2001

as Application Serial No. 09/888,816 and was amended (Date) _____

Technology Center 2600

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information which is known to me to be material to patentability as defined in 37 CFR §1.56:

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____, _____, the status of which is ☐ patented, ☐ pending, ☐ abandoned.
(Serial No.) (Filing Date)

I hereby claim priority benefits under Title 35, United States Code §119(e) of any United States Provisional Applications listed below:

_____, _____, the status of which is pending.
(Provisional Serial No.) (Filing Date)

POWER OF ATTORNEY: I hereby appoint the following attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☒ Registered practitioner(s) at Customer Number 23351, OR

☐ Registered practitioner(s) listed below:

_____ (Name)	_____ (Reg. No.)	_____ (Name)	_____ (Reg. No.)
_____ (Name)	_____ (Reg. No.)	_____ (Name)	_____ (Reg. No.)
_____ (Name)	_____ (Reg. No.)	_____ (Name)	_____ (Reg. No.)

ADDRESS ALL CORRESPONDENCE TO:

☐ Customer Number _____, OR

☒ Correspondence Address listed below:

Name: Peter J. Van Bergen
Address: 402 West Duke of Gloucester Street
Williamsburg, VA 23185

DIRECT TELEPHONE CALLS TO:

Telephone (*Complete number to be dialed from USPTO*):

(757) 220-2649 Phone


(757) 220-2751 Fax

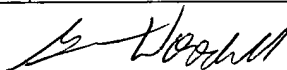
Further, as a named inventor, I certify that the Government of the United States of America, as represented by the Administrator of the National Aeronautics and Space Administration has ☒ an assignment in, or ☐ license to the invention set forth in this application and has the irrevocable right to prosecute this application and to receive the patent.

Wherefore, I pray that Letters Patent be granted to me for this invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification, claims, power of attorney and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR	LAST Rahman	FIRST Zia-ur	MIDDLE OR INITIAL
RESIDENCE AND CITIZENSHIP	CITY Williamsburg	STATE OR FOREIGN COUNTRY VA	COUNTRY OF CITIZENSHIP USA
MAILING ADDRESS	STREET NO. AND NAME 4840 Bristol Circle	CITY AND STATE (OR COUNTRY) Williamsburg, VA	ZIP CODE 23185
SIGNATURE			DATE

FULL NAME OF INVENTOR	LAST Jobson	FIRST Daniel	MIDDLE OR INITIAL J.
RESIDENCE AND CITIZENSHIP	CITY Newport News	STATE OR FOREIGN COUNTRY VA	COUNTRY OF CITIZENSHIP USA
MAILING ADDRESS	STREET NO. AND NAME 42 Elm Avenue	CITY AND STATE (OR COUNTRY) Newport News, VA	ZIP CODE 23601
SIGNATURE 			DATE 6/4/04

FULL NAME OF INVENTOR	LAST Woodell	FIRST Glenn	MIDDLE OR INITIAL A.
RESIDENCE AND CITIZENSHIP	CITY Newport News	STATE OR FOREIGN COUNTRY VA	COUNTRY OF CITIZENSHIP USA
MAILING ADDRESS	STREET NO. AND NAME 637 Village Green Parkway	CITY AND STATE (OR COUNTRY) Newport News, VA	ZIP CODE 23602
SIGNATURE 			DATE 6-4-04

FULL NAME OF INVENTOR	LAST	FIRST	MIDDLE OR INITIAL
RESIDENCE AND CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
MAILING ADDRESS	STREET NO. AND NAME	CITY AND STATE (OR COUNTRY)	ZIP CODE
SIGNATURE			DATE



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 13, 2001

PTAS

NASA LANGLEY RESEARCH CENTER
KURT G. HAMMERLE
MAIL STOP 212
3 LANGLEY BOULEVARD
HAMPTON, VA 23681-0001



101767820A

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gm/JP

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/25/2001

REEL/FRAME: 011951/0044
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
WOODELL, GLENN A.

DOC DATE: 06/15/2001

ASSIGNOR:
JOBSON, DANIEL J.

DOC DATE: 06/15/2001

ASSIGNEE:
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, THE
WASHINGTON, D.C. 20546

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Technology Center 2600

SERIAL NUMBER: 09888701
PATENT NUMBER:

FILING DATE: 06/25/2001
ISSUE DATE:

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



07-05-2001



Attorney Docket VBSTC12a

101767820

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

✓ In re application of: Zia-ur Rahman et al.
Serial No.:
Filed: Group No.
For: METHOD OF IMPROVING A DIGITAL IMAGE AS A FUNCTION OF ITS DYNAMIC RANGE
Examiner:

101767820
09/888701
06/25/01

Patent: Issued:

*NOTE: Insert name(s) of inventor(s) and title also for patent. Where recordal is with respect to a maintenance fee payment also

Patent Application
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATION UNDER 37 CFR 1.10

✓ I hereby certify that this "Assignment Cover Letter", along with any document referred to, is being deposited with the United States Postal Service on this date June 25, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EJ80408928845 addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

OR

CERTIFICATION UNDER 37 CFR 1.8

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

6/25/2001
Date

ASSIGNMENT (COVER LETTER)

NAMES OF PARTY(IES) MAKING TRANSFER

1. Name 1: GLENN A. WOODELL
Name 2: DANIEL J. JOBSON
Name 3:

06/25/01

IDENTITY OF PARTY(IES) TO WHOM TRANSFER IS MADE

2. Transfer is being made to:

Name: The NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)
Address: WASHINGTON, DC 20546

INTENTION OF DOCUMENT(S)

3. A brief description of what the accompanying document intends to accomplish is that it is an:
- Assignment/License
✓ Assignment
- License
- Security interest
- Other

09/888701

Date Assignment Executed: JUNE 15, 2001

4. Execution Date of new Application: JUNE 15, 2001

ADDRESS TO WHICH DOCUMENT SHOULD BE RETURNED AFTER RECORDAL

Please return the recorded document(s)

5. NASA Langley Research Center
Mail Stop 212
3 Langley Boulevard
Hampton, VA 23681-0001
6. Total number of applications/patents involved: 1
7. NOTE: (37 CFR 1.21(h) - "For recording each assignment, agreement or other paper relating to the property in a patent or application per property--\$40.00")

TOTAL FEE DUE: \$40.00

FEE PAYMENT/AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

8. Fee payment is provided for as follows:
- ☐ New Application transmittal
 - ☐ Per Control Number _____ Notice of Non-Recordable Document (Copy Attached)
 - ☐ FWC Transmittal (Item VIII)
 - ☐ Transmittal of Filing Under 37 CFR 1.60(b) (Item 11)
 - ☐ Attached is a check in the sum of \$
 - ☒ Charge Account No. 14-0116 if any additional fee is due.
 - ☒ Charge Account No. 14-0116 in the sum of \$40.00 for each assignment being recorded. A duplicate of this transmittal is attached.

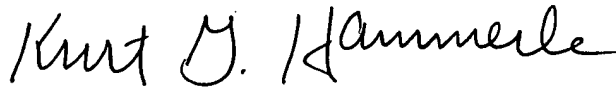
9. Statement and signature:

Total Number of pages including cover sheet, attachments and documents 3

As CO-Attorney of ~~4~~ Record, I hereby declare that the information contained herein is true and correct for the ☒ accompanying Assignment or ☐ copy of the Assignment, and the copy of the Assignment (if applicable), being transmitted is a true copy of the original document.

Tel. No.(757) 864-2470

NASA Langley Research Center
Mail Stop 212
Hampton, VA 23681-2199



KURT G. HAMMERLE
Reg. No. 36,819



ASSIGNMENT AND AGREEMENT

National Aeronautics and
Space AdministrationTitle of Invention: METHOD OF IMPROVING A DIGITAL IMAGE AS A FUNCTION OF ITS
DYNAMIC RANGEInventor(s): ZIA-UR RAHMAN, GLENN A. WOODELL and DANIEL J. JOBSONNASA Case No.: 16012-1-CU Application No.*: _____ Filing Date*: _____

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for a United States Patent on the above-entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s), and any patent(s) that may issue therefrom.

2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

Glenn A. Woodell 6-15-01 6-15-01
(Signature of Inventor) (Date) (Date Application Executed)
GLENN A. WOODELL 637 Village Green Parkway, Newport News, VA 23601 USA
(Inventor's Typed Name) (Post Office Address - Including Country)

Daniel J. Jobson 6/15/01 6/15/01
(Signature of Inventor) (Date) (Date Application Executed)
DANIEL J. JOBSON 42 Elm Avenue, Newport News, VA 23602 USA
(Inventor's Typed Name) (Post Office Address - Including Country)

(Signature of Inventor) (Date) (Date Application Executed)

(Inventor's Typed Name) (Post Office Address - Including Country)

Attorney Docket VBSTC12a

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

✓ In re application of: Zia-ur Rahman et al.
Serial No.: _____ Group No. _____
Filed: _____ Examiner: _____
For: METHOD OF IMPROVING A DIGITAL IMAGE AS A FUNCTION OF ITS DYNAMIC RANGE

— Patent: _____ Issued: _____

*NOTE: Insert name(s) of inventor(s) and title also for patent. Where recordal is with respect to a maintenance fee payment also

Patent Application
Commissioner of Patents and Trademarks
Washington, D.C. 20231

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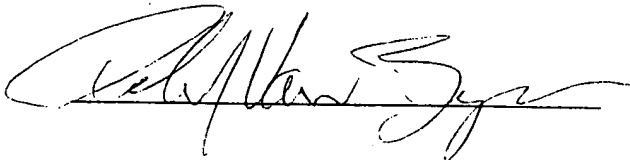
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6/25/2001
Date



ASSIGNMENT (COVER LETTER)

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Name 2: DANIEL J. JOBSON
Name 3:

IDENTITY OF PARTY(IES) TO WHOM TRANSFER IS MADE

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Address: WASHINGTON, DC 20546

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- License
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- Other

Date Assignment Executed: JUNE 15, 2001

4. Execution Date of new Application: JUNE 15, 2001

Jc821 U.S. PTO
09/888701
06/25/01

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Hampton, VA 23681-0001

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✓ Charge Account No. 14-0116 if any additional fee is due.
✓ Charge Account No. 14-0116 in the sum of \$40.00 for each assignment being recorded. A duplicate of this transmittal is attached.

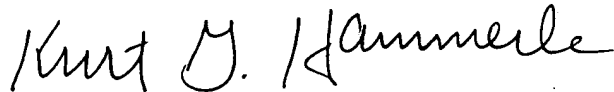
9. Statement and signature:

Total Number of pages including cover sheet, attachments and documents 3

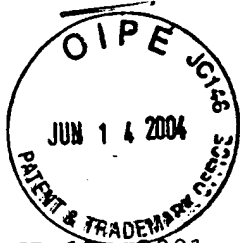
As CO-Attorney of ~~Record~~ Record, I hereby declare that the information contained herein is true and correct for the ✓ accompanying Assignment or copy of the Assignment, and the copy of the Assignment (if applicable), being transmitted is a true copy of the original document.

Tel. No.(757) 864-2470

NASA Langley Research Center
Mail Stop 212
Hampton, VA 23681-2199



KURT G. HAMMERLE
Reg. No. 36,819



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 13, 2001

PTAS

PETER J. VAN BERGEN
402 W. DUKE OF GLOUCESTER ST.
WILLIAMSBURG, VA 23185



101767166A

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RECORDATION DATE: 06/25/2001

REEL/FRAME: 011946/0951
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
RAHMAN, ZIA-UR

DOC DATE: 06/25/2001

ASSIGNEE:
SCIENCE AND TECHNOLOGY CORP.
10 BASIL SAWYER DRIVE
HAMPTON, VIRGINIA 23666

SERIAL NUMBER: 09888816
PATENT NUMBER:

FILING DATE: 06/25/2001
ISSUE DATE:

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MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
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Patent and Trademark Office

Honorable Commissioner of Patent

attached original documents or copy thereof.

1. Name of conveying party(ies):

Zia-ur Rahman

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 6/15/2001

2. Name and address of receiving party(ies):

Name: Science and Technology Corp.

Internal Address:

Street Address: 10 Basil Sawyer Drive

City: Hampton State: VA ZIP: 23666

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): 09/888816

If this document is being filed together with a new application, the execution date of the application is: 6/15/2001

A. Patent Application No.(s)

26/2001 HLE333 00000025 09888816

FC:561

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B. Patent No.(s)

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Additional numbers attached? ☐ Yes ☒ No

Name and address of party to whom correspondence concerning document should be mailed:

Name: Peter J. Van Bergen

Internal Address:

Street Address: 402 W. Duke of Gloucester St.

City: Williamsburg State: VA ZIP: 23185

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

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Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Peter J. Van Bergen

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S):

Zia-ur Rahman
4840 Bristol Circle
Williamsburg, Virginia 23185
U.S.A.

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE:

Science and Technology Corporation
10 Basil Sawyer Drive
Hampton, Virginia 23666-1340
U.S.A.

and the successors, assigns and legal representatives of the ASSIGNEE, ☒ his/her entire right, title and interest or ☐ his/her undivided percent () interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

METHOD OF IMPROVING A DIGITAL IMAGE HAVING WHITE ZONES

and which is found in

- ☒ U.S. patent application executed on even date herewith;
☐ U.S. Patent application executed on ;
☐ U.S. Provisional application naming the above inventor(s)
for the above-entitled invention;

☐ Express Mail Label:
Mailed ;

- ☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, the ASSIGNOR signing below, hereby authorize and request my/our attorney to insert below the filing date and application number when they become known.

☐ U.S. application number 0, Filed

☐ International application No. PCT// .

- ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately

(also check the following if foreign application(s) is also being assigned)

✓ and any legal equivalent thereof in a foreign country, including the right to claim priority;

and, in and to all Letters Patent or similar legal protection to be obtained for said invention by the above application and any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination therefor in the United States and in any and all foreign countries.


This assignment is applicable to INVENTOR(S), Zia-ur Rahman.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have hereunto set my/our hand and seal.

Date: 06/15/2001


Zia-ur Rahman